

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/725,845

Group Art Unit: 1724

Inventors: Zhang et al

Filed: 11/30/00

Title: INTERMOLECULAR BOUND  
TRANSITION ELEMENT COMPLEXES  
FOR OXYGEN ADSORPTION

Examiner: Greene

RECEIVED  
JAN 21 2004  
TC 1700

REQUEST FOR APPROVAL OF PROPOSED DRAWING CHANGES


Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed herewith is a formal copy of the drawings filed with the above-identified application in which the correct abbreviation "Fig" has been added. The submitted formal drawings do not contain any new subject matter.

Consideration and approval of the proposed drawing changes, and acknowledgment of such approval in the next official communication are respectfully requested.

Respectfully submitted,

  
Cornelius F. O'Brien  
Attorney for Applicants  
Reg. No. 24579

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39 Old Ridgebury Road  
Danbury, CT 06810  
(203) 837-2246  
January 6, 2004

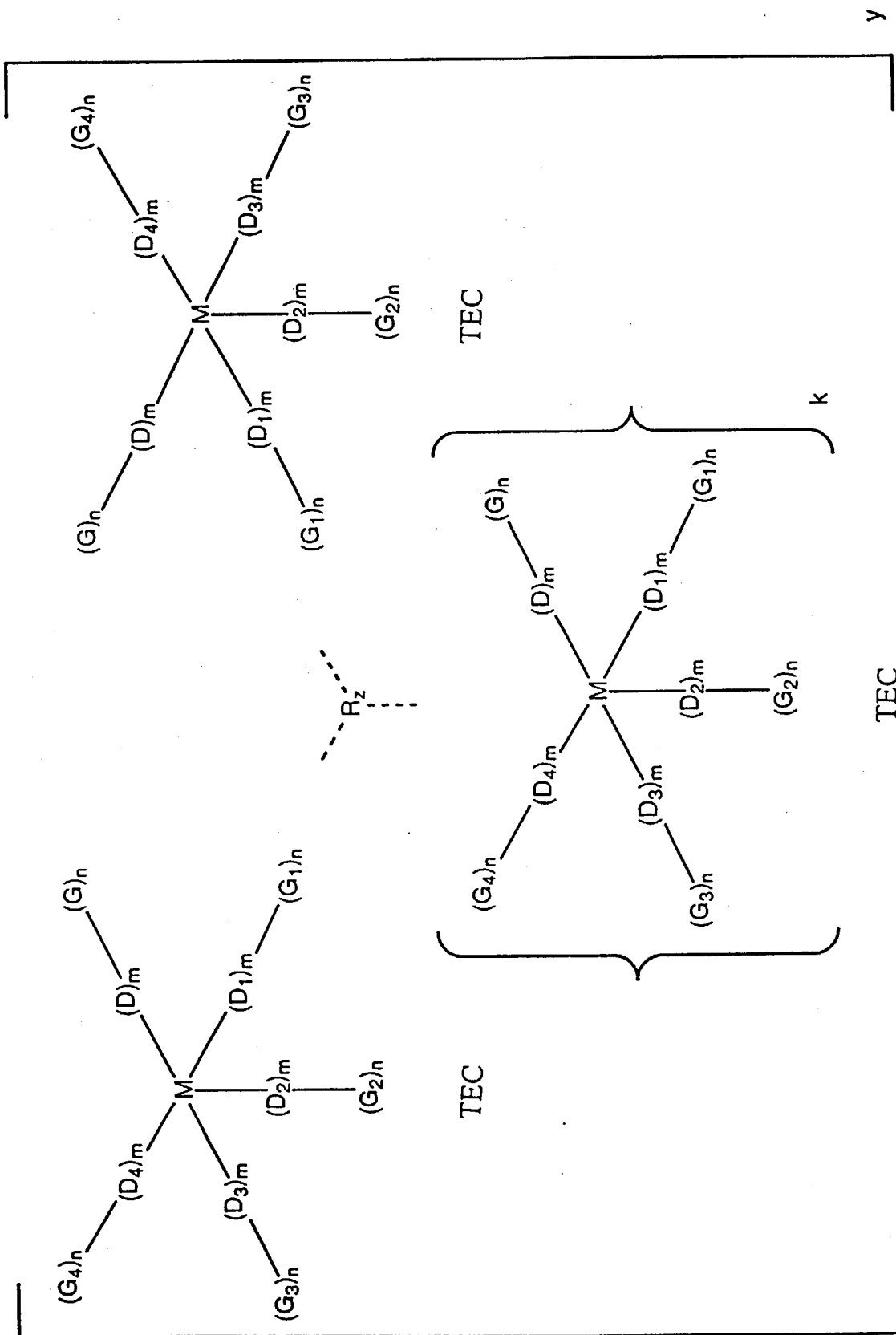
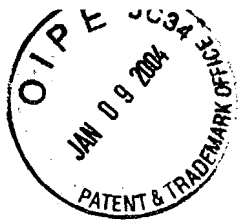
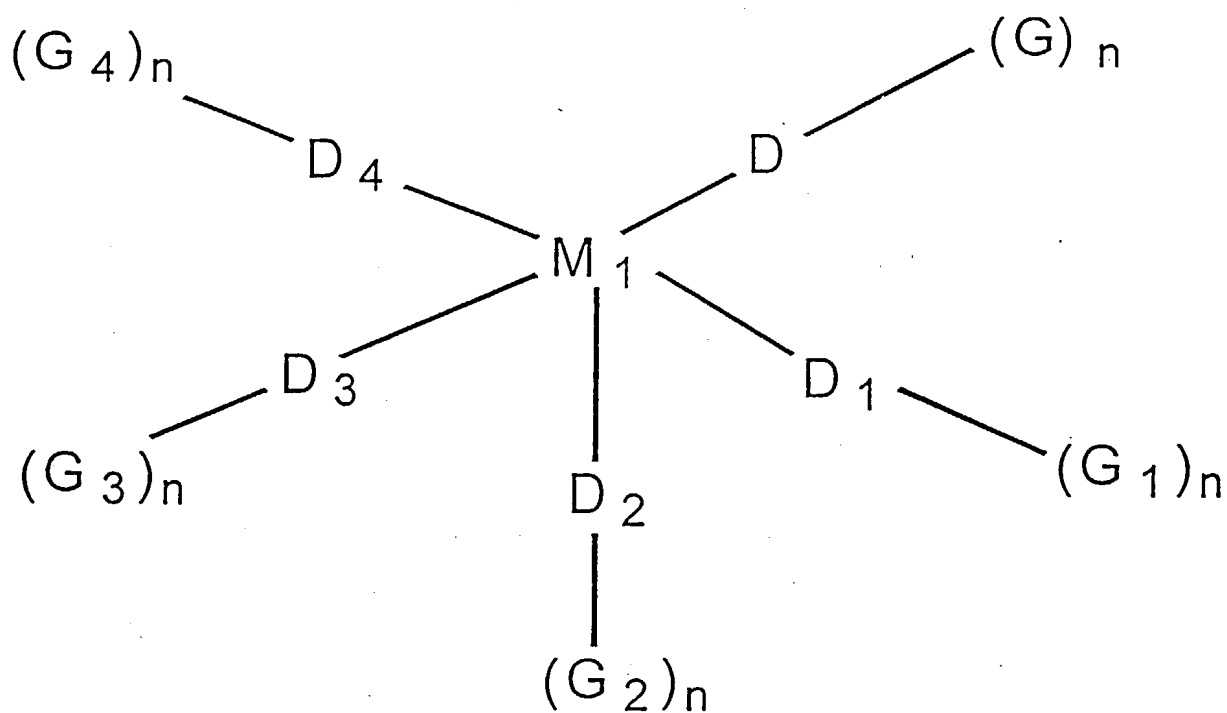
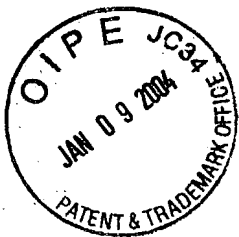


FIG. 1



TEC

FIG. 2

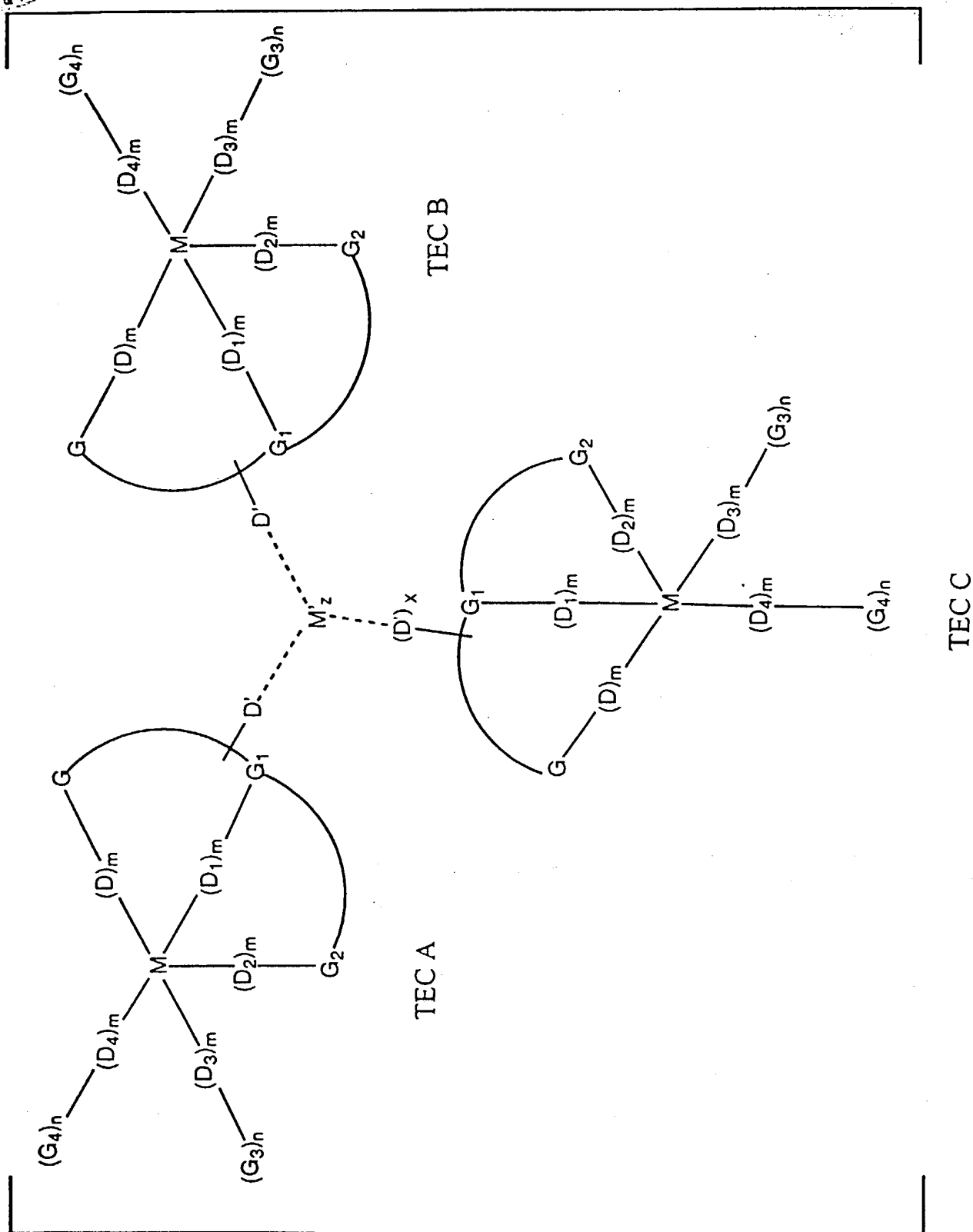
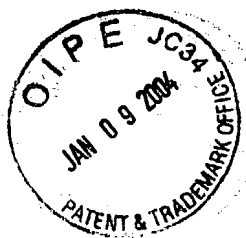
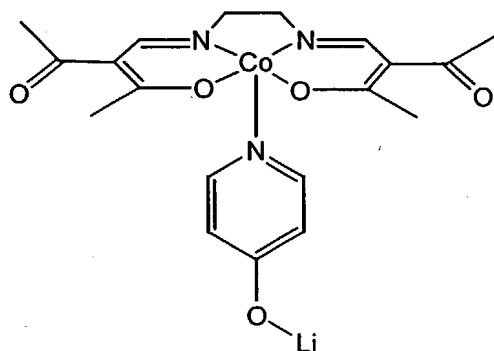
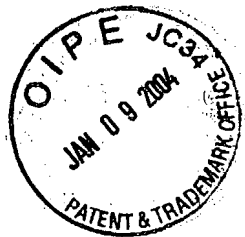
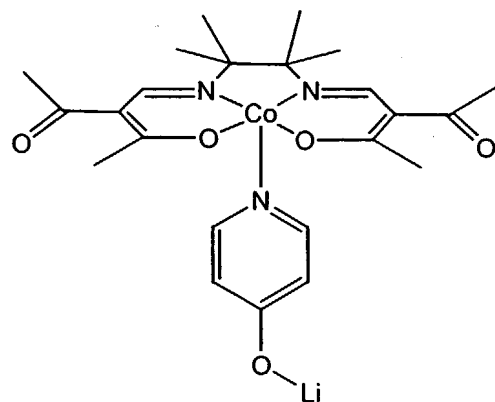


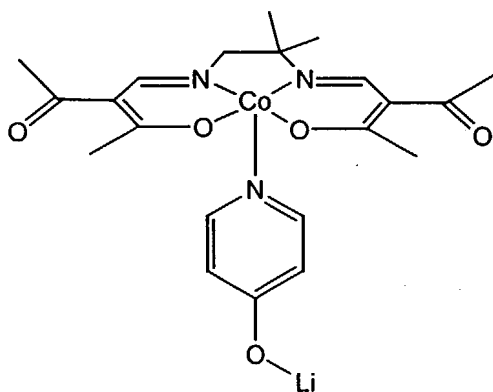
FIG. 3



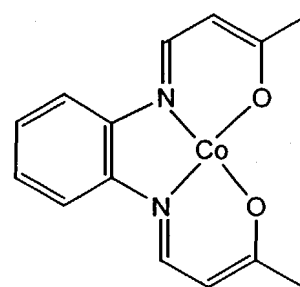
Co{Me<sub>2</sub>Ac<sub>2</sub>H<sub>2</sub>malen}(4-PyOLi)



Co{Me<sub>2</sub>Ac<sub>2</sub>H<sub>2</sub>maltmen}(4-PyOLi)

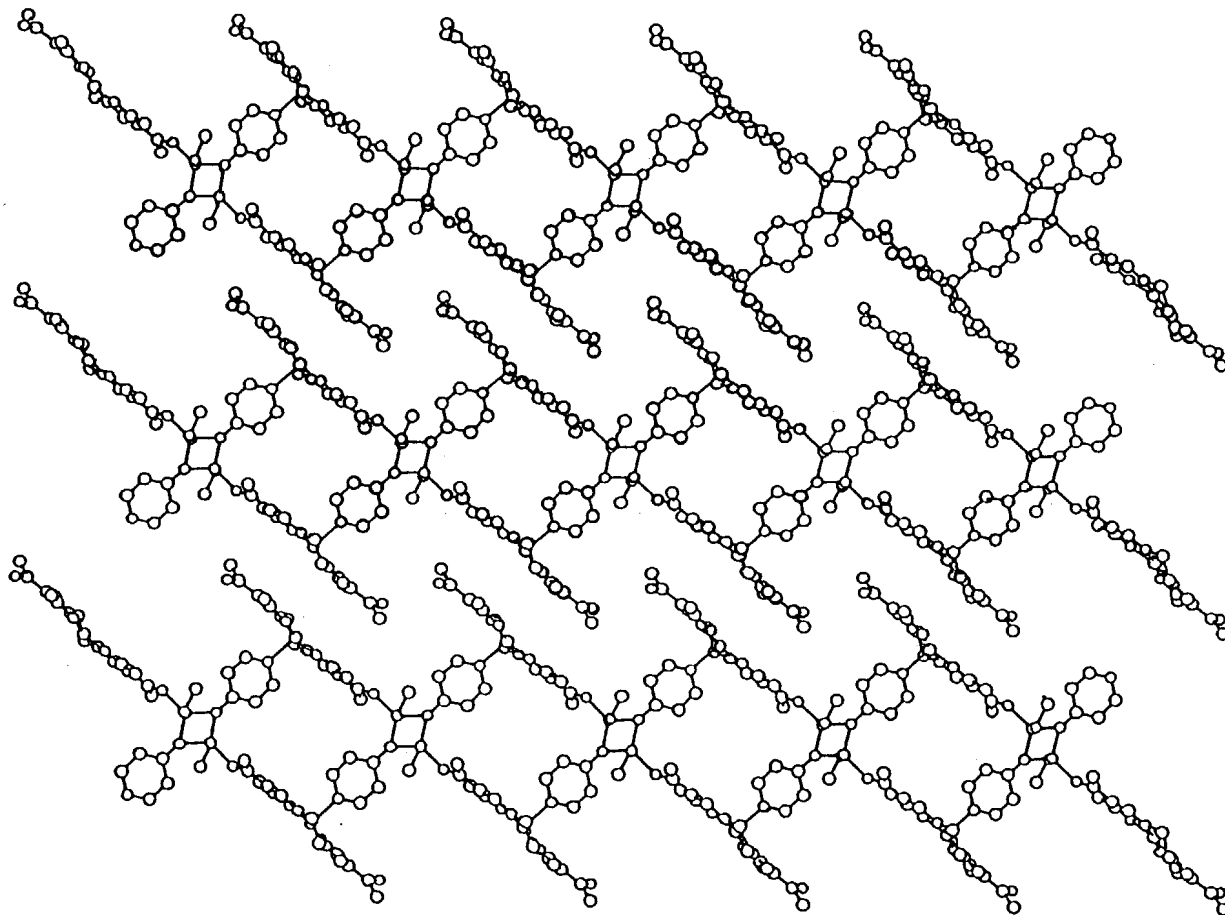
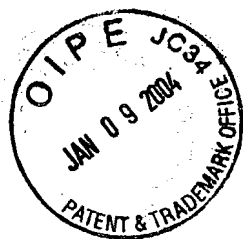


Co{Me<sub>2</sub>Ac<sub>2</sub>H<sub>2</sub>maldmen}(4-PyOLi)



Co{Me<sub>2</sub>H<sub>2</sub>H<sub>2</sub>malophen}

FIG. 4



**FIG. 5**

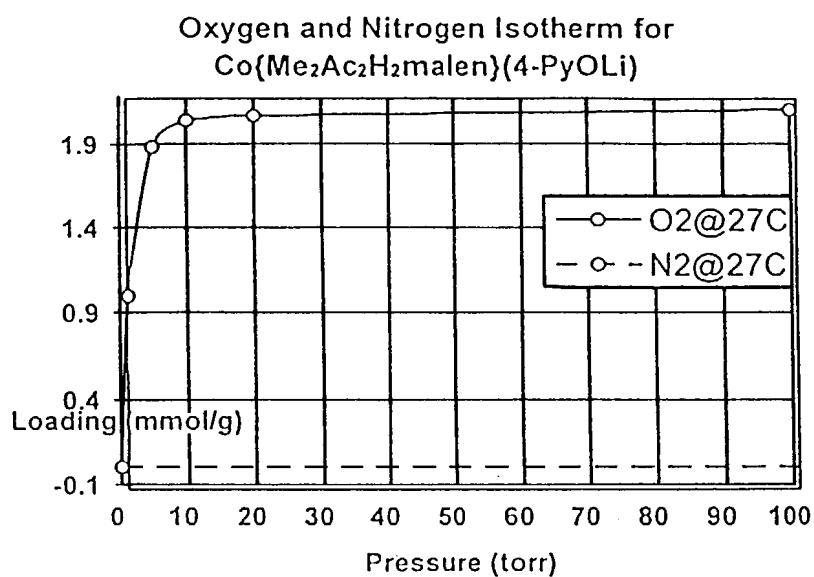


FIG. 6



Oxygen and Nitrogen Isotherms for  
 $\text{Co}\{\text{Me}_2\text{Ac}_2\text{H}_2\text{maltment}\}(4\text{-PyOLi})$

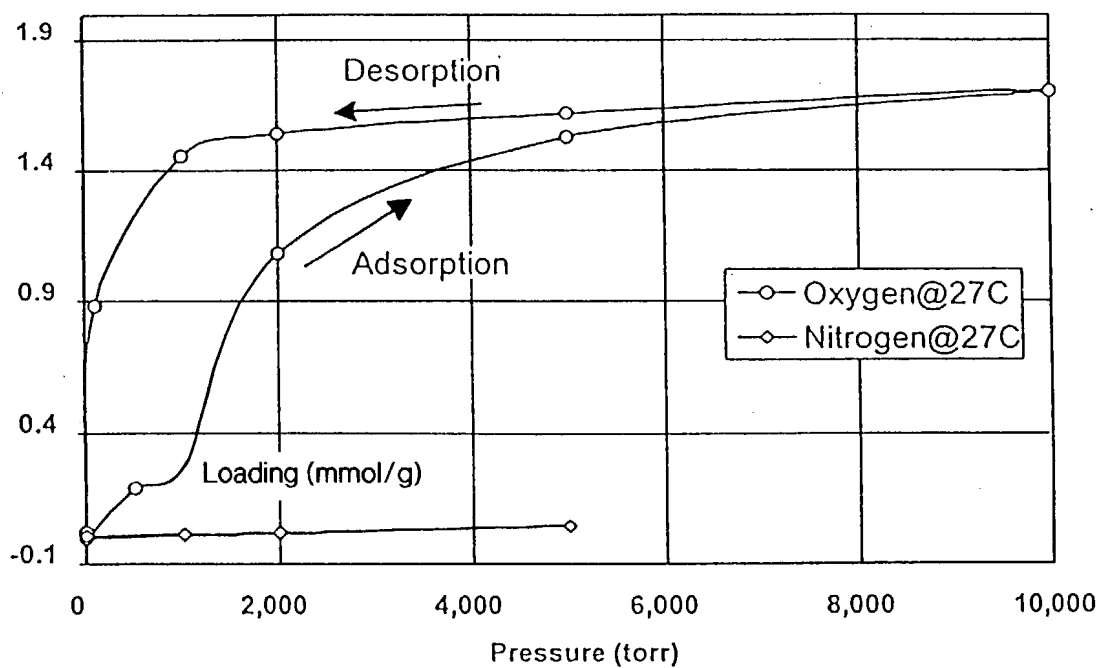
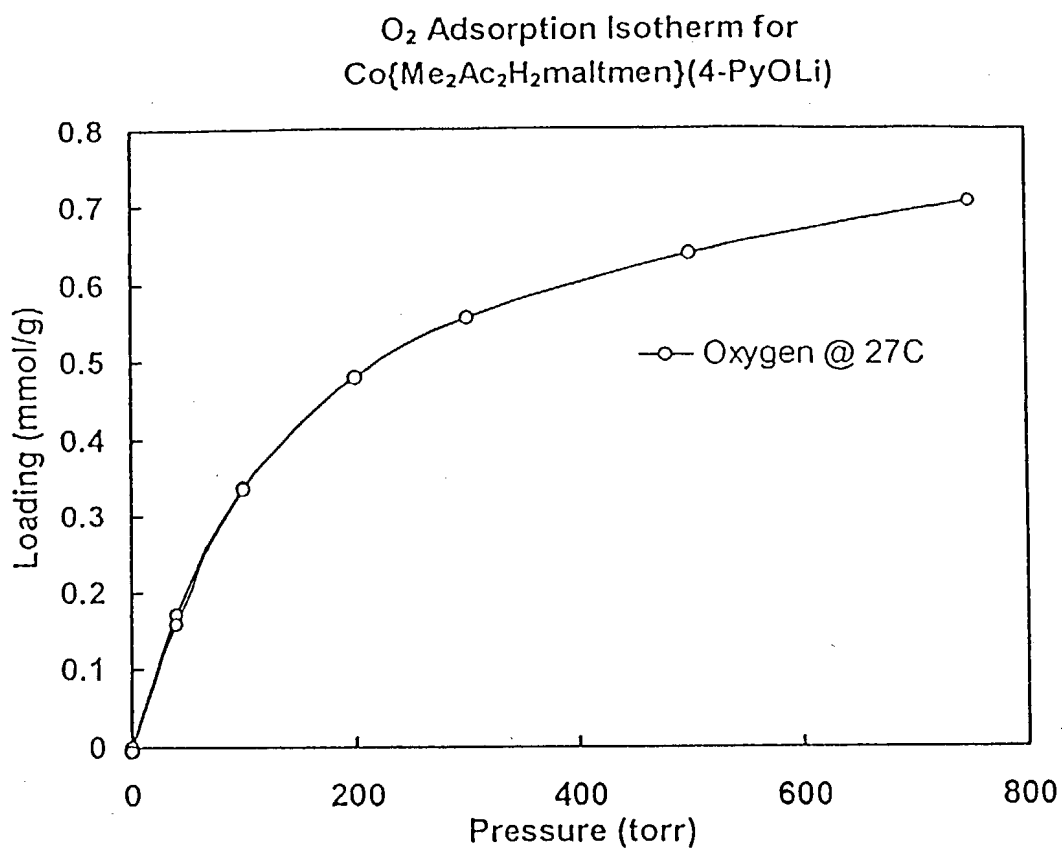
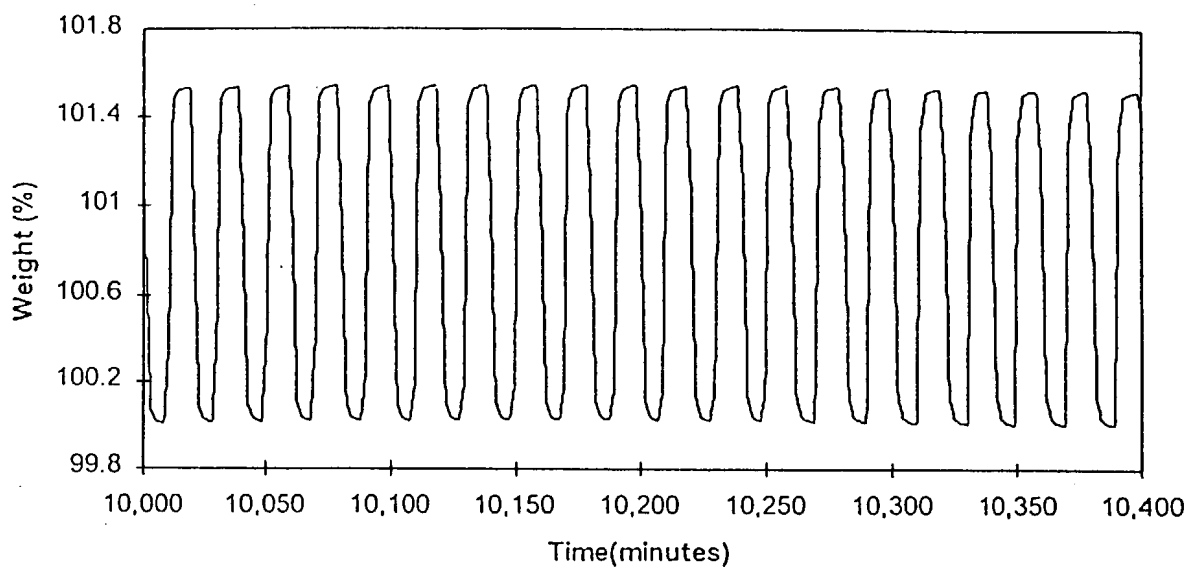


FIG. 7





**FIG. 8**



**FIG. 9**



Oxygen Isotherms for As-synthesized and Treated  
 $\text{Co}(\text{Me}_2\text{Ac}_2\text{H}_2\text{maltmen})(4\text{-PyOLi})$

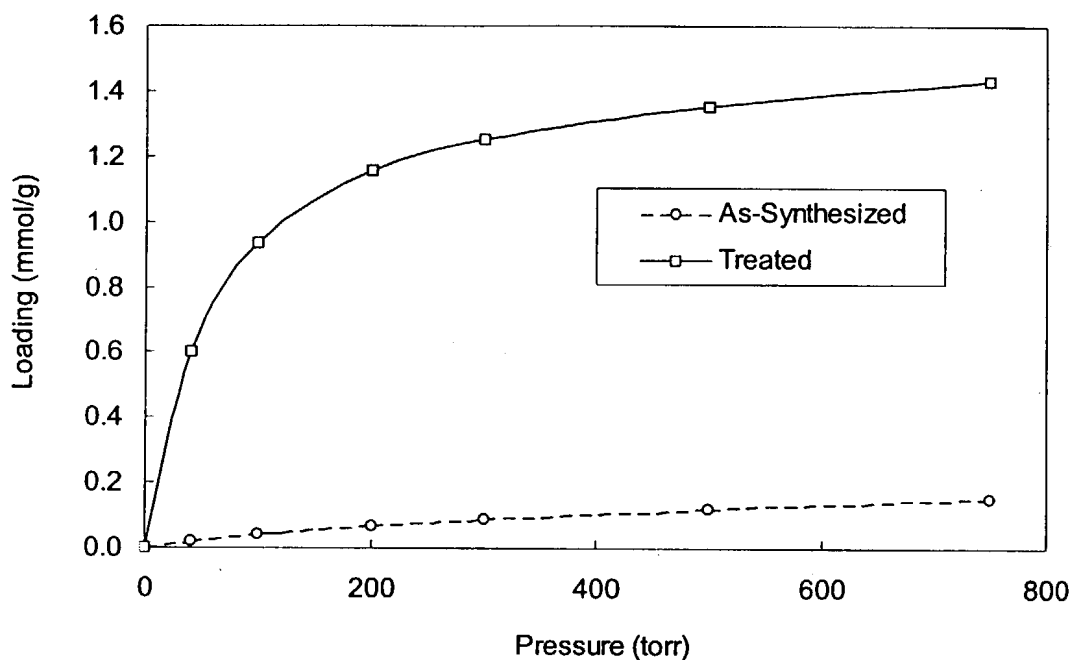


FIG. 10

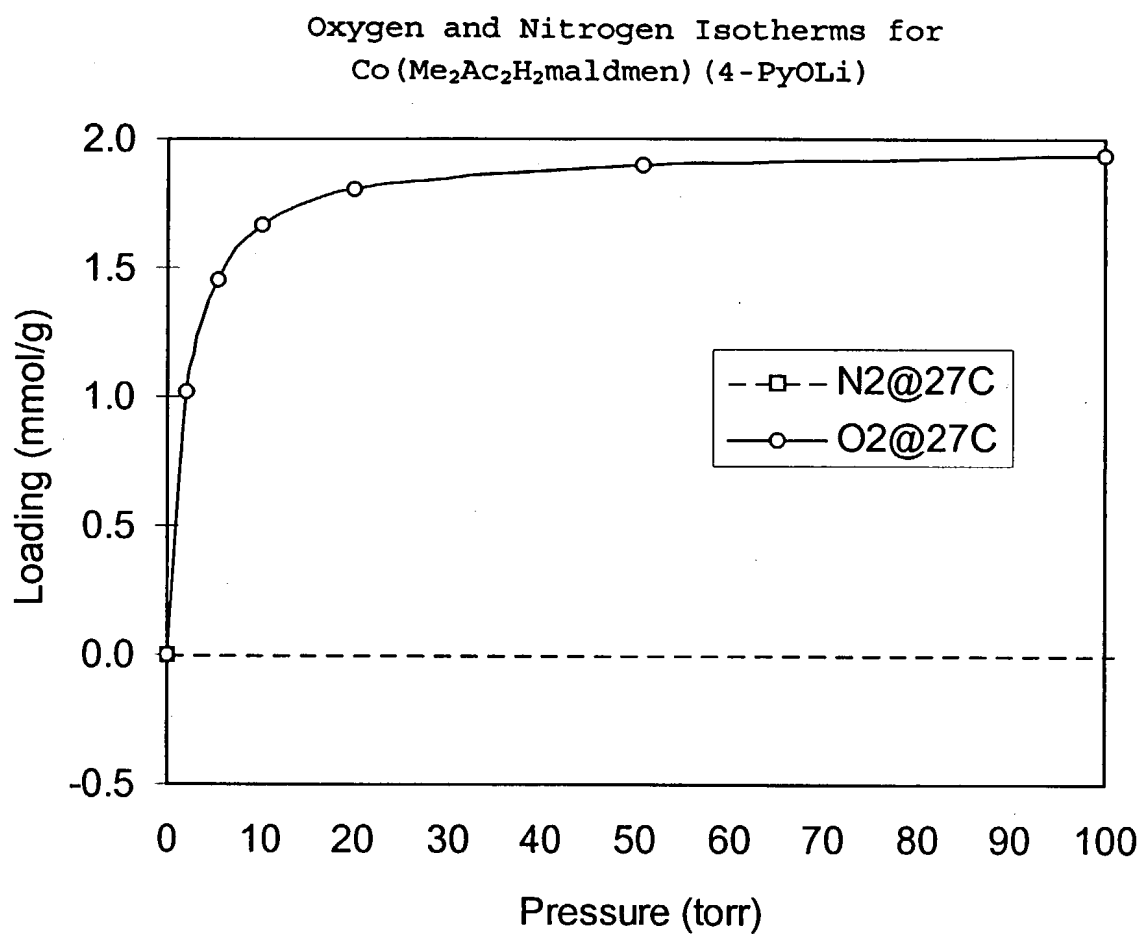


FIG. 11